





Public Safety Headquarters Update

COUNCIL ORDER 21-018

MARCH 15, 2021



Accomplishments Since February 2020 Update

- Full land ownership acquired of 24 Broad Street, 39 Broad Street, 495 Southern Artery (Stop and Shop gas station) and 40 Field Street
 - Private Tenants / Owners have been relocated
- Demolition Contracts for 24 Broad Street, 495 Southern Artery and 40 Field Street have been awarded and are underway.
- Gas Station ownership transferred to the City with associated permits
- 3 out of 4 state and local permits have been approved
- MA Inspector General's Office has approved the City's Application for Construction Manager at Risk (CMAR)



Building Design Changes Since February 2020 Update

- Ramp was added to parking garage for easier access between floors for first responders
- Intersections at DPW / Mount Wollaston Cemetery Entrance and Southern Artery / Broad Street studied
 - Proposed traffic light at DPW / Mt Wollaston Entrance, and barrier from Southern Artery at Sea Street to Southern Artery at McGrath Highway
- Heavy focus on building sustainability and green infrastructure on site
 - Solar Panels designed for roof of the parking garage
 - Building Envelope changes to decrease whole building Energy Use Intensity (EUI) including triple glazed windows and increased insulation
 - 30 level 2 electric vehicle charging stations will be installed upon garage construction with provisions to provide electric vehicle charging stations to the entire garage as needed in the future
 - Continued to work with National Grid on their EUI Reduction Incentive Program
 - Decreased of approx. 1 acre of impervious area/Decrease in quantity of stormwater discharging to the City's drainage infrastructure/significant improvement to water quality discharging to the Town River Bay.



Expected Building Energy Use Intensity (EUI)

Proposed Site Energy Use Intensity (EUI) calculated at 76 kBTU/sf at Design Development

63.5 is the Energy Star Median EUI in the US.

Lower EUI is better

Location / Building Sq ft	PV (Solar Panel) Capacity	# of EV Charging Stations	Building EUI
Quincy PSHQ (120,000 sf)	600 KWh	30 (200 in future)	76
Needham Public Safety HQ (56,000 sf)	Future	0	129
Medford Police (35,000 sf)	70KWh		60 (all electric mechanical)
Marshfield Police Station (24,200 sf)	Future	1	68
Beverly Police Station (35,000 sf)	250 KWh	4	35 (all electric & Geothermal)
Minute Man Voc. School (253,000 sf)	250 KWh	2	94





DESIGN DEVELOPMENT SITE PLAN

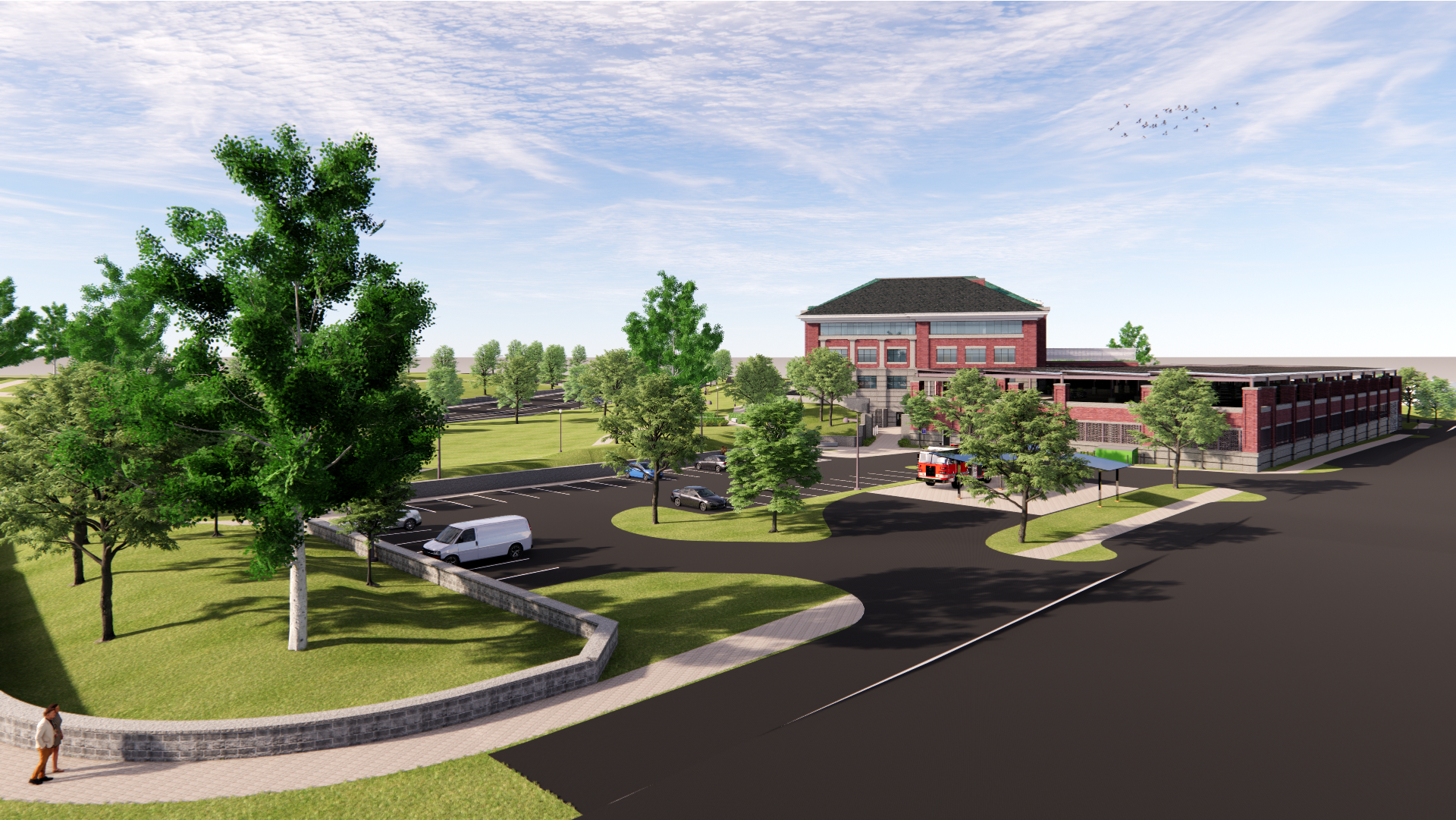
NEW PUBLIC SAFETY HEADQUARTERS













Projected Financial Summary

- Total estimated budget is \$120,000,000
 - \$90,000,000 for the Building and Parking Garage (Guaranteed Maximum Price (GMP) Contract)
 - \$10,000,000 in Furniture, Fixtures and Equipment (FF&E)
 - \$10,000,000 for pedestrian, roadway and utility improvements on Broad Street, Southern Artery, Sea Street, and the Field Street Extension
 - \$10,000,000 in project contingencies



CMAR Selection and Building Construction Timeline

